

# Yu-Ting Tang

## List of Publications by Year in descending order

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75  
papers

2,342  
citations

186265

28  
h-index

233421

45  
g-index

78  
all docs

78  
docs citations

78  
times ranked

2531  
citing authors

#	ARTICLE	IF	CITATIONS
1	“Sponge City” in China: A breakthrough of planning and flood risk management in the urban context. Land Use Policy, 2018, 76, 772-778.	5.6	351
2	Long-term application of organic fertilization causes the accumulation of antibiotic resistance in earthworm gut microbiota. Environment International, 2019, 124, 145-152.	10.0	102
3	Advances on transition metal oxides catalysts for formaldehyde oxidation: A review. Catalysis Reviews - Science and Engineering, 2017, 59, 189-233.	12.9	93
4	Recent Development of Catalysts for Removal of Volatile Organic Compounds in Flue Gas by Combustion: A Review. Journal of Chemistry, 2016, 2016, 1-15.	1.9	85
5	A review on analysis methods, source identification, and cancer risk evaluation of atmospheric polycyclic aromatic hydrocarbons. Science of the Total Environment, 2021, 789, 147741.	8.0	83
6	A Review of the Enhancement of Bio-Hydrogen Generation by Chemicals Addition. Catalysts, 2019, 9, 353.	3.5	75
7	The carbonaceous aerosol levels still remain a challenge in the Beijing-Tianjin-Hebei region of China: Insights from continuous high temporal resolution measurements in multiple cities. Environment International, 2019, 126, 171-183.	10.0	73
8	Temporal and spatial variation in major ion chemistry and source identification of secondary inorganic aerosols in Northern Zhejiang Province, China. Chemosphere, 2017, 179, 316-330.	8.2	71
9	Characterization and source identification of fine particulate matter in urban Beijing during the 2015 Spring Festival. Science of the Total Environment, 2018, 628-629, 430-440.	8.0	62
10	Atomic Co <sup>4+</sup> and Co nanoparticles confined in COF@ZIF-67 derived core-shell carbon frameworks: bifunctional non-precious metal catalysts toward the ORR and HER. Journal of Materials Chemistry A, 2021, 10, 228-233.	10.3	61
11	The impact of land consolidation on rural vitalization at village level: A case study of a Chinese village. Journal of Rural Studies, 2021, 86, 485-496.	4.7	51
12	Future improvements on performance of an EU landfill directive driven municipal solid waste management for a city in England. Waste Management, 2020, 102, 452-463.	7.4	50
13	Two-year continuous measurements of carbonaceous aerosols in urban Beijing, China: Temporal variations, characteristics and source analyses. Chemosphere, 2018, 200, 191-200.	8.2	48
14	Characteristics and Sources of Hourly Trace Elements in Airborne Fine Particles in Urban Beijing, China. Journal of Geophysical Research D: Atmospheres, 2019, 124, 11595-11613.	3.3	48
15	Life cycle assessment of municipal solid waste management in Nottingham, England: Past and future perspectives. Journal of Cleaner Production, 2020, 251, 119636.	9.3	43
16	Contamination features, geo-accumulation, enrichments and human health risks of toxic heavy metal(loids) from fish consumption collected along Swat river, Pakistan. Environmental Technology and Innovation, 2020, 17, 100554.	6.1	42
17	Comparison of physical and chemical properties of ambient aerosols during the 2009 haze and non-haze periods in Southeast Asia. Environmental Geochemistry and Health, 2015, 37, 831-841.	3.4	40
18	Land consolidation: A comparative research between Europe and China. Land Use Policy, 2022, 112, 105790.	5.6	40

#	ARTICLE	IF	CITATIONS
19	Current progress on catalytic oxidation of toluene: a review. Environmental Science and Pollution Research, 2021, 28, 62030-62060.	5.3	38
20	Analysing the Zenith Tropospheric Delay Estimates in On-line Precise Point Positioning (PPP) Services and PPP Software Packages. Sensors, 2018, 18, 580.	3.8	35
21	Sticks and Stones: The Impact of the Definitions of Brownfield in Policies on Socio-Economic Sustainability. Sustainability, 2012, 4, 840-862.	3.2	34
22	A critical review of microplastic pollution in urban freshwater environments and legislative progress in China: Recommendations and insights. Critical Reviews in Environmental Science and Technology, 2021, 51, 2637-2680.	12.8	34
23	Barriers and policy recommendations for developing green buildings from local government perspective: a case study of Ningbo China. Intelligent Buildings International, 2018, 10, 61-77.	2.3	33
24	A quick assessment method to evaluate sustainability of urban built environment: Case studies of four large-sized Chinese cities. Cities, 2019, 89, 57-69.	5.6	33
25	Generalized models to predict the lower heating value (LHV) of municipal solid waste (MSW). Energy, 2021, 216, 119279.	8.8	33
26	Assessing the transition of municipal solid waste management by combining material flow analysis and life cycle assessment. Resources, Conservation and Recycling, 2022, 177, 105966.	10.8	33
27	Characteristics, sources, and health risks of PM2.5-bound trace elements in representative areas of Northern Zhejiang Province, China. Chemosphere, 2021, 272, 129632.	8.2	32
28	C1-C2 alkyl aminiums in urban aerosols: Insights from ambient and fuel combustion emission measurements in the Yangtze River Delta region of China. Environmental Pollution, 2017, 230, 12-21.	7.5	29
29	City profile: Ningbo. Cities, 2015, 42, 97-108.	5.6	28
30	An investigation into the impact of variations of ambient air pollution and meteorological factors on lung cancer mortality in Yangtze River Delta. Science of the Total Environment, 2021, 779, 146427.	8.0	28
31	Decomposition efficiency and aerosol by-products of toluene, ethyl acetate and acetone using dielectric barrier discharge technique. Chemosphere, 2019, 237, 124439.	8.2	27
32	Environmentally persistent free radicals in PM2.5: a review. Waste Disposal & Sustainable Energy, 2019, 1, 177-197.	2.5	26
33	The removal of arsenic from solution through biochar-enhanced precipitation of calcium-arsenic derivatives. Environmental Pollution, 2022, 292, 118241.	7.5	25
34	Study of the effect of ceria on the activity and selectivity of Co and Ce co-doped birnessite manganese oxide for formaldehyde oxidation. Journal of Hazardous Materials, 2022, 424, 127583.	12.4	25
35	Aligning ancient and modern approaches to sustainable urban water management in China: Ningbo as a “Blue-Green City” in the “Sponge City” campaign. Journal of Flood Risk Management, 2018, 11, e12451.	3.3	24
36	Biomass burning and fungal spores as sources of fine aerosols in Yangtze River Delta, China “ Using multiple organic tracers to understand variability, correlations and origins. Environmental Pollution, 2019, 251, 155-165.	7.5	24

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37	Synthesis of dominant plastic microfibre prevalence and pollution control feasibility in Chinese freshwater environments. <i>Science of the Total Environment</i> , 2021, 783, 146863.	8.0	23
38	Methyl mercury concentrations in seafood collected from Zhoushan Islands, Zhejiang, China, and their potential health risk for the fishing community. <i>Environment International</i> , 2020, 137, 105420.	10.0	22
39	Veterinary antibiotics can reduce crop yields by modifying soil bacterial community and earthworm population in agro-ecosystems. <i>Science of the Total Environment</i> , 2022, 808, 152056.	8.0	22
40	Correlating ultrasonic impulse and addition of ZnO promoter with CO <sub>2</sub> conversion and methanol selectivity of CuO/ZrO <sub>2</sub> catalysts. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 48-56.	8.2	20
41	A Review of Biohydrogen Productions from Lignocellulosic Precursor via Dark Fermentation: Perspective on Hydrolysate Composition and Electron-Equivalent Balance. <i>Energies</i> , 2020, 13, 2451.	3.1	18
42	Microfluidic formation of highly monodispersed multiple cored droplets using needle-based system in parallel mode. <i>Electrophoresis</i> , 2020, 41, 891-901.	2.4	17
43	In situ continuous hourly observations of wintertime nitrate, sulfate and ammonium in a megacity in the North China plain from 2014 to 2019: Temporal variation, chemical formation and regional transport. <i>Chemosphere</i> , 2021, 262, 127745.	8.2	17
44	Effectively controlling hazardous airborne elements: Insights from continuous hourly observations during the seasons with the most unfavorable meteorological conditions after the implementation of the APPCAP. <i>Journal of Hazardous Materials</i> , 2020, 387, 121710.	12.4	16
45	Characteristics and source attribution of PM <sub>2.5</sub> during 2016 G20 Summit in Hangzhou: Efficacy of radical measures to reduce source emissions. <i>Journal of Environmental Sciences</i> , 2021, 106, 47-65.	6.1	16
46	Global intercomparison of polyurethane foam passive air samplers evaluating sources of variability in SVOC measurements. <i>Environmental Science and Policy</i> , 2021, 125, 1-9.	4.9	15
47	Potency of the pandemic on air quality: An urban resilience perspective. <i>Science of the Total Environment</i> , 2022, 805, 150248.	8.0	15
48	Land consolidation and rural vitalization: A perspective of land use multifunctionality. <i>Progress in Geography</i> , 2021, 40, 487-497.	0.7	15
49	Could wastewater analysis be a useful tool for China? – A review. <i>Journal of Environmental Sciences</i> , 2015, 27, 70-79.	6.1	14
50	Significant reduction in atmospheric organic and elemental carbon in PM <sub>2.5</sub> in 2+26 cities in northern China. <i>Environmental Research</i> , 2022, 211, 113055.	7.5	14
51	Extraction of natural estrogens in environmental waters by dispersive multiwalled carbon nanotube-based agitation-assisted adsorption and ultrasound-assisted desorption. <i>Analytical Methods</i> , 2014, 6, 1235-1241.	2.7	13
52	Photolysis of bis(2-ethylhexyl) phthalate in aqueous solutions at the presence of natural water photoreactive constituents under simulated sunlight irradiation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26797-26806.	5.3	13
53	Determination of the potential implementation impact of 2016 ministry of environmental protection generic assessment criteria for potentially contaminated sites in China. <i>Environmental Geochemistry and Health</i> , 2018, 40, 967-985.	3.4	11
54	Temporal variability of visibility and its parameterizations in Ningbo, China. <i>Journal of Environmental Sciences</i> , 2019, 77, 372-382.	6.1	10

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55	States, Trends, and Future of Aquaponics Research. Sustainability, 2020, 12, 7783.	3.2	10
56	Investigation into the Effect of Atmospheric Particulate Matter (PM2.5 and PM10) Concentrations on GPS Signals. Sensors, 2017, 17, 508.	3.8	9
57	A new Global Navigation Satellite System (GNSS) based method for urban heat island intensity monitoring. International Journal of Applied Earth Observation and Geoinformation, 2021, 94, 102222.	2.8	7
58	Biochar effects acidic soil remediation and Brassica oleracea L. toxicityâ€”A case study in subtropical area of China. Environmental Technology and Innovation, 2021, 23, 101588.	6.1	6
59	Photo-generated hydroxyl radicals contribute to the formation of halogen radicals leading to ozone depletion on and within polar stratospheric clouds surface. Chemosphere, 2022, 291, 132816.	8.2	6
60	A critical review on microbial degradation of petroleum-based plastics: quantitatively effects of chemical addition in cultivation media on biodegradation efficiency. Biodegradation, 2022, 33, 1-16.	3.0	6
61	Significant contribution of secondary particulate matter to recurrent air pollution: Evidence from in situ observation in the most polluted city of Fen-Wei Plain of China. Journal of Environmental Sciences, 2022, 114, 422-433.	6.1	5
62	Disposal of Urban Wastes. , 2017, , 365-377.		4
63	Landscape Change and the Sustainable Development Strategy of Different Types of Ethnic Villages Driven by the Grain for Green Program. Sustainability, 2018, 10, 3485.	3.2	4
64	Fabrication of Î²-cyclodextrin modified mesostructured silica coated multi-walled carbon nanotubes composites and application for paraben removal. Water Science and Technology, 2018, 78, 1001-1009.	2.5	4
65	Assessment of toxicity reduction in ZnS substituted CdS:P3HT bulk heterojunction solar cells fabricated using a single-source precursor deposition. Sustainable Energy and Fuels, 2019, 3, 948-955.	4.9	4
66	A Novel Approach for the Determination of the Height of the Tropopause from Ground-Based GNSS Observations. Remote Sensing, 2020, 12, 293.	4.0	4
67	Effects of aggregate packing optimization and cement paste volume on the properties of natural and recycled aggregate concrete. Structural Concrete, 2022, 23, 2260-2273.	3.1	4
68	The Demographic Implication for Promoting Sponge City Initiatives in the Chinese Megacities: A Case of Wuhan. Water (Switzerland), 2022, 14, 883.	2.7	4
69	The Champion of Urban Water Resources Management in the Chinese Cityâ€”The Case of Ningbo. Environmental Science and Engineering, 2020, , 363-379.	0.2	3
70	Determination of Air Urban Heat Island Parameters with High-Precision GPS Data. Atmosphere, 2022, 13, 417.	2.3	2
71	Assessing the Transition of Municipal Solid Waste Management Using Combined Material Flow Analysis and Life Cycle Assessment. Environmental Science and Engineering, 2020, , 77-92.	0.2	1
72	Clean Process to Utilize the Potassium-Containing Phosphorous Rock with Simultaneous HCl and KCl Production via the Steam-Mediated Reactions. ACS Omega, 2022, 7, 24561-24573.	3.5	1

#	ARTICLE	IF	CITATIONS
73	Accounting for the environmental impact of food waste on water resources and climate change. , 2020, , 305-329.		0
74	Urban Heat Island Monitoring with Global Navigation Satellite System (GNSS) Data. Advances in 21st Century Human Settlements, 2021, , 43-59.	0.4	0
75	Disposal of Urban Wastes. , 2022, , .		0